GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 7 AT ROSEDALE AVE. /HAMILTON AVE. IN BALTIMORE COUNTY. THE MODIFICATION INVOLVES THE INSTALLATION OF AN EXCULSIVE/PERMISSIVE LEFT TURN PHASE. PROPOSED PAVEMENT MARKINGS, NON -INVASIVE LOOP DETECTION AND VIDEO DETECTION CAMERAS FOR MD 7 AND ROSEDALE AVE, HAMILTON AVE.

MD 7 (PHILADELPHIA ROAD) IS CONSIDERED TO RUN IN AN EAST/ WEST DIRECTION.

INTERSECTION OPERATION

AN EXISTING CONTROLLER HOUSED IN A BASE MOUNTED CABINET IS LOCATED AT THIS LOCATION. THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING 5 NEMA PHASES ADDING AN EXCLUSIVE/ PERMISSIVE LEFT TURN MOVEMENT WITH A CONCURRENT MOVEMENT FOR BOTH EAST AND WESTBOUND MOVEMENT ALONG MD 7. ROSEDALE AVE. AND HAMILTON AVE OPERATE AS A SIDE STREET SPLIT.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS: PROJECT CONTACTS:

MR.RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER - TRAFFIC

PHONE: (410) 321-2781 MR.GRADON TOBERY , ASSISTANT DISTRICT ENGINEER - CONSTRUCTION

PHONE: (410) 321- 2821

MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (410) 321-2761

MS. SUENETTE POPE UTILITY ENGINEER

PHONE: (410) 321-2841

MR. RICHARD L. DAFF, SR., SENIOR, CHIEF TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

EQUIPMENT LIST

<u>ITEM</u> NO.	DESCRIPTION	UNITS	QUANTITY
9000	[UPDATED] SHEET ALUMINUM MAST ARM / POLE MOUNTED SIGN	SF	16
	R10-12 36"× 42" MAST ARM MOUNTED	EA	1
	R10-6A 30"× 24" - GROUND MOUNTED	EA	1

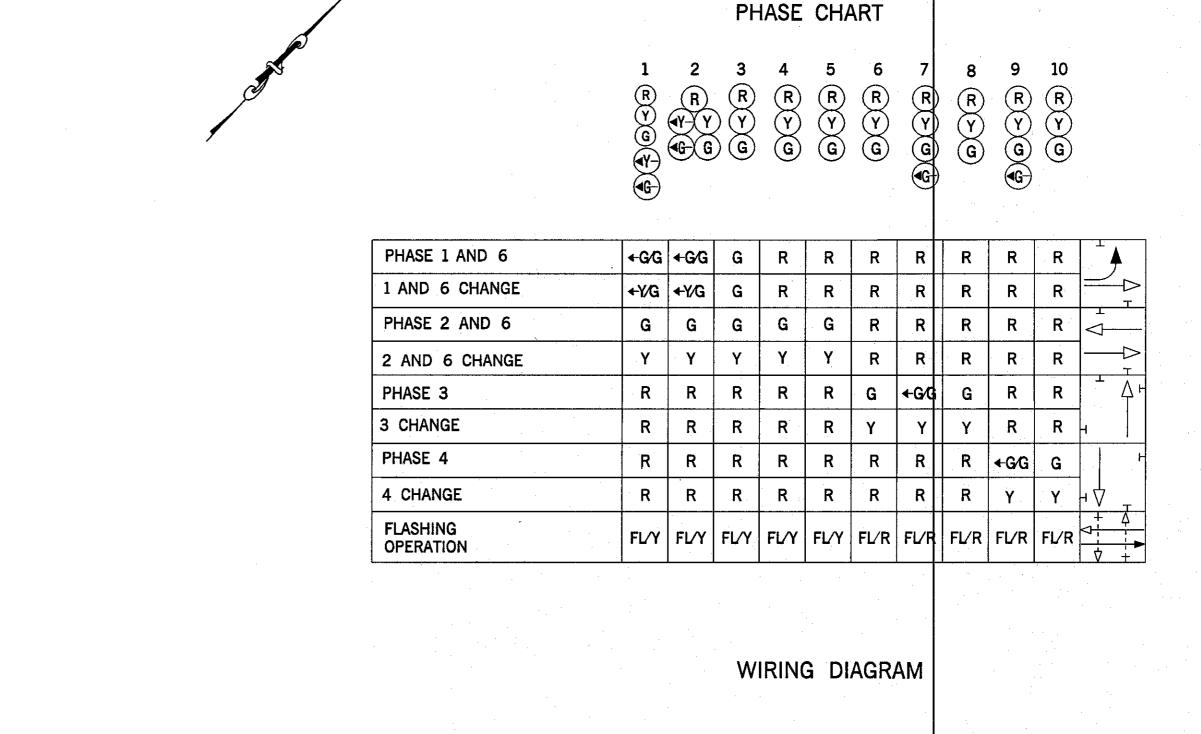
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITE NO		<u>UNITS</u>	QUANTITY
1001	Maintenance of Traffic	EA	2
5001	F & I 5" White Lead Free Reflective Thermoplastic Pavement Markings	LF	450
5002	F & I 5" Yellow Lead Free ReflectiveThermoplastic Pavement Markings	LF	1000
5003	F & I 12" White Lead Free Reflective Thermoplatic Pavement Markings	LF	120
5004	F & I 24" White Lead Free Reflective Thermoplastic Pavement Markings	LF	25
5005	Removal of Existing Permanent Pavement Line Markings - Any Width	LF	1000
8013	Remove & Dispose Material & Equipment	EA	1
8025	F & I Wood Sign Supports 4" x 4"	LF	20
8035	F & I 3" Schedule 80 Rigid PVC Conduit - Slotted	LF	50
8043	F & I Noninvasive Detector - 500 Foot Lead-In Cable	EA	1 /
8045	F & I Electrical Handhole	EA	1
8046	Install Ground Mounted Sign	SF	6
8047	Install Overhead Sign	SF	10
8048	F & I Video Detection Camera	EA	2
8049	F & I Control Cable, 250', Video Detection Camera to Controller	EΑ	2
8055	F & I 8" Vehicular Traffic Signal Head Section	EΑ	3
8056	F & I 12" Vehicular Traffic Signal Head Section	EΑ	33
8062	F & I Electrical Cable - 7 Conductor (No. 14 AWG)	LF	350

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILLIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

DESCRIPTION

QUANTITY



WIRING KEY 8-14H: BASH6A5HB51

A - 7 CONDUCTOR ELECTRICAL CABLE (NO.: 14 A.W.G.)

B - REPLACE 5-CONDUCTOR CABLE WITH A NEW 7-CONDUCTOR CABLE FOR THE NEW 5 SECTION VEHICLE SIGNAL HEAD.

C - NON-INVASIVE MIRCO-LOOP LEAD-IN

D.E - VIDEO DETECTION CABLE

ES - EXISTING OVERHEAD SERVICE

EL - EXISTING LOOP DETECTOR WIRE

DRAWING NO.

TOD#: AT582-30

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

Rosedale Ave Hamilton Ave

BA

BRUDIS & ASSOCIATES, INC. CONSULTING ENGINEERS

> 9220 RUMSEY ROAD SUITE 110 COLUMBIA. MARYLAND 21045 410-884-3607 410-884-3609(FAX)

SCALE 1"=20' DATE 0β/14/2005 CONTRACT NO. AT5825185 DESIGNED BY M.A. MEARS BALTIMORE COUNTY M.A. MEARS 03000700.66 DRAWN BY_ LOGMILE T.I.M.S. NO. G-840 CHECKED BY F.A.P. NO._

SHEET NO. 2 OF 3